


**Product: [9495](#)**

High Perform Instr, 1 Tri #14 Str TC, PVC Ins E1, PVC Jkt, PLTC

[Request Sample](#)
**Product Description**

High Performance Instrumentation, 1 Triad 14AWG (42x30) Tinned Copper, PVC Insulation E1 Color Code, PVC Outer Jacket, PLTC

**Technical Specifications**
**Product Overview**

Suitable Applications:	Instrumentation, Sensors, Valves, Positioners, RTD, 4-20mA, 0-10V
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**Construction Details**
**Conductor**

Element	No. of Elements	Size	Stranding	Material
Triad(s)	1	14 AWG	42x30	TC - Tinned Copper

**Insulation**

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Triad(s)	PVC - Polyvinyl Chloride	0.022 in (0.56 mm)	0.119 in (3.02 mm)	Black , White , Red

**Outer Jacket**

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.042 in (1.1 mm)	0.355 in (9.02 mm)	Yes

Overall Cable Diameter (Nominal): 0.355 in (9.02 mm)

**Electrical Characteristics**
**Electricals**

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance	Max. Current
Triad(s)	2.8 Ohm/1000ft	27 pF/ft (89 pF/m)	0.18 $\mu$ H/ft (0.59 $\mu$ H/m)	8 Amps per conductor at 25°C

**Voltage**

UL Voltage Rating
300 V (PLTC, CMG)

**Mechanical Characteristics**
**Temperature**

UL Temperature	Operating
105°C	-30°C to +105°C

Temperature Table Notes: AWM 80°C

**Bend Radius**

Stationary Min.	Installation Min.
3.6 in (91 mm)	3.6 in (91 mm)

Max. Pull Tension: 160 lbs (73 kg)

Bulk Cable Weight: 82 lbs/1000ft

**Standards and Compliance**

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, Sunlight Resistance, Burial
Flammability / Reaction to Fire:	UL 1685 UL Loading, T-29-520, IEEE 1202, FT4
NEC / UL Compliance:	Article 725, Article 727, Article 800, CMG, ITC, PLTC
AWM Compliance:	AWM 2464
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision: Revision Number: 0.591 Revision Date: 09-07-2025

## Part Numbers

### Variants

Item #	Color	UPC	Footnote
9495 0601000	Chrome	612825253990	C
9495 0602500	Chrome	612825254003	Z
9495 0605000	Chrome	612825254010	C

Footnote: C - CRATE REEL PUT-UP., Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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